

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Ryan S. Davidson on 13 April 2009.

2. The application has been amended as follows:

IN THE SPECIFICATIONS:

Specification amendments filed 12/22/2003, at page 1 (page 1 of 2), line 19: after "integer greater than", "zero" has been changed to --one--.

IN THE CLAIMS: Using the claim set of the appeal brief filed on 10/10/2006, pages 23-26:

Claim 1, at line 2: After "having", "one or more" has been changed to --a plurality of--;

Line 3: After "video and", "the" has been changed to --the plurality of--;

Line 5: After "to store", "the" has been changed to -- the plurality of --; and

Line 9: "memory." has been changed to --memory, the encoder having a vector generation portion that provides second motion vectors based on the plurality of first motion vectors saved in the first memory, the second motion vectors including a specific motion vector based on a most frequently occurring motion vector selected from the

Art Unit: 2621

plurality of first motion vectors by a tie breaking function using a random method or a predetermined selection pattern.--.

Claims 6-9 have been canceled.

Claim 10, line 1: After “The system of”, “claim 6” has been changed to –claim 1--.

Claim 11, line 2: "determining a plurality" has been changed to --determining, at a decoder, a plurality--;

Line 4: After “of first”, “motion vectors (a stored plurality of first motion vectors)” has been changed to --motion vectors--;

Line 5: After “generating”, “one or more second motion vectors based on the stored plurality of first motion vectors” has been changed to –a plurality of second motion vectors including a specific motion vector based on a most frequent occurring motion vector selected from the plurality of first motion vectors by a tie breaking function using a random method or predetermined selection--;

Line 7: “generating a compressed” has been changed to – at an encoder, generating a compressed--;

Line 7: After “based upon”, “one or more” has been changed to –the plurality of--; and

Line 8: After “vectors, wherein”, “the second video image” has been changed to – the compressed second video image--.

Claim 12, line 4: After “based on”, “the one or more second vectors” has been changed to –the plurality of second motion vectors--; and

Line 5: After “and a”, “second” has been changed to –third--.

Claim 13, line 1: After “wherein”, “the scaled representation” has been changed to –the representation--.

Claims 15-18 have been canceled.

Claim 19, line 1: After “a number”, “of vectors in the one or more second motion vectors” has been changed to –of motion vectors in the plurality of second motion vectors--.

Claim 20, line 1: After “a number”, “of vectors in the one or more second motion vectors” has been changed to –of motion vectors in the plurality of second motion vectors--.

Claim 61, line 3: After “of video,”, “where the one or more first” has been changed to –the plurality of first--; and

Line 7: After “the video decoder”, “to simultaneously” has been changed to –is to simultaneously--..

Claim 64, line 1: “The system of claim 11, wherein the storing the first” has been changed to –The method of claim 11, wherein the storing the plurality of first--.

Claim 68, line 2: After “further”, “storing” has been changed to –includes storing--.

3. The following is an examiner’s statement of reasons for allowance: The present application relates to processing video streams, and more particularly to recompression of downscaled decompressed video streams. The various prior art of record do not anticipate or render obviousness the encoder having a vector generation portion that provides second motion vectors based on the plurality of first motion vectors saved in

Art Unit: 2621

the first memory, the second motion vectors including a specific motion vector based on a most frequently occurring motion vector selected from the plurality of first motion vectors by a tie breaking function using a random method or a predetermined selection pattern as specified in claims 1 and 11.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nhon T. Diep whose telephone number is 571-272-7328. The examiner can normally be reached on m-f.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2621

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ND

/Nhon T Diep/
Primary Examiner, Art Unit 2621